Emmit Parubrub

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Education

University of San Francisco (USF), San Francisco, CA   *Expected Graduation: May 2019*
- B.S. Computer Science
- GPA: 3.64

Relevant Coursework: Computer Architecture, Parallel Computing, Data Structures & Algorithms

Skills

- Computer Languages: Java, Python, C, ARM Assembly, HTML, CSS, bootstrap
- Software: Emacs, Eclipse, Sublime, MySQL, Netbeans, Apache Tomcat, Github
- Experienced with object-oriented programming

Projects

- Currently designing a Python application to perform rapid product checkouts online
- Continuously updating personal webpage using bootstrap (eparubrub.github.io)
- Constructed an ARM Single-Cycle Emulator in Assembly and Logisim
- Programmed an mp3 player using JavaZOOM and jAudiotagger libraries
- Wrote several sorting methods to test efficiency on small and large scale data
    - Methods include: comb, merge, hybrid, bucket, radix, heap, randomized quick, etc…

Experience

University of San Francisco, San Francisco, CA   *September 2015 - Present*
Technical Director and Camera Operator
- Direct camera operators to frame the best camera shots
- Administered four camera feeds in order to broadcast quality video stream
- Broadcast sports game for online viewers and athlete review
- Provide sports stream twice a week for wccsports.com

City and County of Honolulu, Kaneohe, HI   *July 2016 - August 2016*
Summer Fun Leader
- Managed over 100 children ages ranging from 5 to 12
- Developed and taught over 10 dance lessons for children's final Ho'ike (exhibition)
- Lead songs, games, and other activities during program breaks
- Guided group excursions to ensure a safe and healthy learning experience

Affiliations

Civil Air Patrol, Honolulu, HI   *August 2013 – June 2015*
Cadet, Escort, Volunteer
- Received Billy Mitchell Award / Cadet 2nd Lieutenant

Association of Computer Machinery, San Francisco, CA   *October 2016 – Present*
Officer
- Organize association events and programs
- Mobilize student collaborations